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<table border="0"><tr><td><input checked="" type="checkbox"/> Letter</td><td>a. If letter or memo:</td></tr><tr><td><input type="checkbox"/> Memorandum</td><td>To: Independent Review Board</td></tr><tr><td><input type="checkbox"/> Report</td><td>From: R. B. O'Brien, Mgr, Nuclear and</td></tr><tr><td><input type="checkbox"/> Publication</td><td>Operational Safety Division, Idaho</td></tr><tr><td><input type="checkbox"/> Other (Specify)</td><td>Nuclear Corp.</td></tr><tr><td></td><td>Subject: IN-VIVO IODINE MEASUREMENT</td></tr><tr><td></td><td>INDEPENDENT REVIEW BOARD</td></tr><tr><td></td><td>REF. LETTER: OB-39-69</td></tr></table>			<input checked="" type="checkbox"/> Letter	a. If letter or memo:	<input type="checkbox"/> Memorandum	To: Independent Review Board	<input type="checkbox"/> Report	From: R. B. O'Brien, Mgr, Nuclear and	<input type="checkbox"/> Publication	Operational Safety Division, Idaho	<input type="checkbox"/> Other (Specify)	Nuclear Corp.		Subject: IN-VIVO IODINE MEASUREMENT		INDEPENDENT REVIEW BOARD		REF. LETTER: OB-39-69
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b. If report: Title:																		
c. If publication: Name: Volume: Issue:																		
4. Document Date: December 29, 1969																		
5. Summary (2-3 lines indicating the major subject(s) of the document): R. B. O'Brien convenes an Independent Review Board (R. J. Nertney, Chair, E. R. Ebersole, J. W. McCaslin and J. H. Spickard) to evaluate the proposed permeation of radioiodine through the skin of human volunteers, assuring that the experiments are ethically proper, technically sound and will provide information that justifies the risk to volunteers.																		
6. Name and telephone number of person completing form: Burton R. Baldwin (208) 525-0203	7. Organization: Lockheed Idaho Technologies Co.	8. Date: March 31, 1995																

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HUMAN RADIATION EXPERIMENTS

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DOCUMENT TITLE: IN-VIVO IODINE MEASUREMENTS INDEPENDENT REVIEW BOARD

CROSS REFERENCES:

ITEMS OF INTEREST:

December 29, 1969

**In-Vivo Iodine Measurements
Independent Review Board**

OB-39-69

R. J. Nertney
E. R. Ebersole
J. W. McCaslin
J. H. Spickard

As previously discussed, we would appreciate your services as an independent review board, with Dr. Nertney as chairman, to review some proposed measurements involving human exposure to radioactive iodine.

The Nuclear and Operational Safety Division of the Idaho Nuclear Corporation has a small DBM sponsored research program to measure the permeation of iodine through human skin. The work has progressed to the point that some in-vivo measurements using volunteers are needed to validate the in-vitro measurements already done. We believe that any work involving human experimentation must first be reviewed and approved by a competent independent board. The board should assure themselves that the experiments are ethically proper, technically sound, and will produce information justifying the risk, however small, to the volunteers.

Dr. F. O. Cartan, who is in charge of this research program, will send each of you a description of the proposed test procedures, some background information, and will supply any other information you need. A review meeting will be scheduled at your convenience so that you will have a chance to discuss the program with Dr. Cartan. In accordance with its findings, the board should recommend approval, approval with modifications, or denial of the proposed experiments.

Original Signed by
R. B. O'Brien

RBO:rp

R. B. O'Brien

cc: CM Rice
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FOLDER In-Vivo Iodine Measurement
Independent Review Board